WUG2650

802.11g Wireless LAN USB Adapter

The **WUG2650** is an 802.11g USB2.0 wireless LAN adapter. The **WUG2650** features the very latest in advanced wireless chip technology, which is designed on the basis of IEEE 802.11g standard that offers a data rate up to **54Mbps** in the 2.4GHz frequency. Plus, the **WUG2650** is backwards compliant with 802.11b wireless equipment, making it the most economic and convenient wireless adapter that you can ever find for your wireless application. The high-speed wireless network card plugs into your notebook or desktop PC and accesses to the LAN or peer-to-peer networking easily without wires or cables. Whether you're at your desk or in the boardroom, it allows you to share printers, files, and other network resources.
The USB adapter is designed for a USB type A port of a laptop or desktop computer for creating a wireless workstation.

FEATURES

- Compliant with IEEE802.11g standard for 2.4GHz Wireless LAN
- USB 2.0 compliant
- USB Plug & Play
- Interoperable with existing network infrastructure
- Secure information transmission
- Freedom to roam while staying connected
- Compatible with specialty wireless products and services
- Up to 54 Mbps data rate
- Antenna is built in the card with LEDs indication
- Low power consumption
- Easy to install and configure

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SPECIFICATIONS

General:

LED Indicator	♦ Act/Link: Green
Power Requirement	♦ Operating Voltage: 5V DC ♦ TX consumption: 250 mA (Max) ♦ RX consumption: 150 mA (Max)
Physical specification	♦ Weight: 25 g ♦ Dimension: 98(L) x 30(W) x 14(H) mm
Supported OS	♦ Windows 2000 ♦ Windows XP ♦ Windows ME ♦ Windows 98SE
Environment Specification	♦ Operating Temperature: -5 ~ 45℃ ambient temperature ♦ Storage Temperature: -20~70℃ ambient temperature ♦ Operating humidity: 80% maximum (non-condensing) ♦ Storage humidity: 80% maximum (non-condensing)
EMI Certification	♦ FCC Part 15 in US ♦ EN300328 and EN300826 (EN301489-17) in Europe ♦ DGT and BSMI in Taiwan

Wireless:

Standard	IEEE 802.11g
Host Interface	USB 2.0
Antenna	Chip Antenna
Frequency Range	2.412GHz ~ 2.4835GHz
Number of Selectable Channels	USA, Canada: 11 channels Japan: 14 channels Europe: 13 channels
Modulation Technique	Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK) Orthogonal frequency division multiplexing (OFDM)
Security	0/64/128 bit WEP WPA
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Output power	11g: 13.5 dBm 11b: 16.5 dBm
Data Rate	802.11g (54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps) 802.11b (11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps)
Throughput	20.3 Mbps @ 54Mbps 5.4 Mbps @ 11Mbps
Outdoor Distance	183M @54Mbps(FER<10%) 225M @11Mbps (PER<8%)
Sensitivity	-70dBm @54Mbps -82dBm @11Mbps

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